## SEQUENCE LISTING

```
<110> BURMAN C, ANAND
     PRASAD, SUDHANHAND
     MUKHERJEE, RAMA
      JAGGI, MANU
      33NGH T, ANU
      MATHUR, ARCHNA
<1.00 BOMBESIN ANALOGS FOR TREATMENT OF CANCER
<:-3> U: 12799-1
< 140
```

- <: ( > 147/DEL/2000
- < : 11 2 100-02-24
- < 1 ... 1.2

< ! !!!!

- . 170 FatentIn Ver. 2.0
- +710 1+ .11 + 14
- 212 FRT
- 13 Eombina bombina
- -400 1
- Giu Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met 10 5 1
- $\times 210 \times 2$
- 211 30
- 11 : IRT
- . 13 Jus barbatus
- :00 D
- Gly Asn His Trp Ala Val Gly His Leu Met 1 5
- ×1.10 × 3
- .1: 8
- .:1.: FF:T
- 111 Artificial Sequence

```
< 7.7.7.5
<.. 3 Description of Artificial Sequence: This peptide
     was synthetically generated
1 .
<. E MOD RES
< , , ) + -
<...I - MID_RES
< 2 ⋅ (€)
<...3 'groduct = alpha-aminolsobutyric acid/label = Aib</pre>
< 4 0 3
\Sigma . In Trp Ala Val Xaa His Leu
         5
·.!C · 4
٠. 11 ٤
-212 EFT
Artificial Sequence
120
 ... ! - L-scription of Artificial Sequence: This peptide
      was synthetically generated
- 1.11 - MOD_RES
-4.122 - (1)
- 2.2 - /product = D-phenylalanine/label = D-Phe
3.200 B
+ 221 + MOD_RES
 2.3.7 + (4)
...23 / /product = alpha-aminoisobutyric acid/label = Aib
 (0) 4
 Eda Glr Trp Xaa Val Gly His Leu
                5
  1
× 110 × 5
.11 8
· _1_ · PRT
 - 215 - Artificial Sequence
```

```
<22235
<.: Description of Artificial Sequence: This peptide</pre>
      was synthetically generated
MOD RES
<...2. 1
k 2: */product = D-phenylalanine/label = D-Phe
< . .2
< 121 MOD_RES
<. 2. 3
<.2**.product = D-tryptophan/lubel = D-Trp</pre>
< . 2. •
<.21 - MOD RES
<...2. <!-- Example 1
<.i>. groduct = alpha-aminoisobutyric acid/label = Aib
\leftarrow 4 \ [0 \ \rightarrow \ ^4)
\Sigma:\mathfrak{a} (ln Xaa Ala Val Xaa His Leu
           5
- 110 - 6
. 1i · 3
- 11 · PFT
- 21 · Artificial Sequence
- <u>- 20</u>00 -
· 1... * · Description of Artificial Sequence: This peptide
       was synthetically generated.
1.1219
- . 21 - MOD_RES
- 11:12 - (1.)
- <u>L.</u>::--
 - 201 - MOD_RES
· .:... · (4)
 - :: /product = alpha-aminoisobutyric acid/label = Aib
 (4)(6) \rightarrow 6
 Mad Gln Trp Xaa Val Gly His Ile
```

```
<...7
<.~111\cdot~\epsilon
K. L. PRT
< : :: Artificial Sequence</pre>
3.11
< . ^{\prime} - Description of Artificial Sequence: This peptide
      was synthetically generated.
<...
<...i - MOD_RES
<. 1</pre>
<...' - 'product = D-phenylalanine/label = D-Phe
< , :1
<...1 1600 RES
<...: i €
<... 'product = alpha-aminoisobutyric acid/label =Aib</pre>
< .)::::) 7
Xi: In Prp Ala Val Xaa His Ile
              5
4210 × £
. !] - 8
+.12 + PFT
._:: Artificial Sequence
(: -
1888 - Description of Artificial Sequence: This peptide
       was synthetically generated.
1 TO 1
- DIT - MOD_RES
-0.002 - (1)
. Product = D-phenylalanine/label = D-Phe
- <u>L</u>ŽU -
  /21 - MOD_RES
 -222 - (3)
 ...:3 - /product = D-tryptophan/label = D-Trp
 .... MODE RES
 \sim 2.32 \times 160
  ...23> /product = alpha,alpha-di-n-propylglycine/label =
```

Dpg

```
<: 0> 9
X:: G.n Maa Ala Val Xaa His Leu
                                         5
4. 10° 9
+ . 11: 8
 <. 12: PFT
 <.13> Artificial Sequence
 <. ^);
 <,~\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\ensuremath{^{\circ}}\
                           was synthetically generated.
  < _________
  < :: MCD_RES
  <...33 - Product = D-phenylalanine/label = D-Phe</pre>
  · (1.1.)
  + 723 - (4+
 *:::* 'product = alpha,alpha-di-ethyl glycine = Deg
 - 400 9
   Mas Olm Orp Xaa Val Gly His Leu
     1 5
 -4.210 \times 10
         _11 + 8
        112 FFT
   - 113 Artificial Sequence
   - 25.0 ×
     1713 - Description of Artificial Sequence: This peptide
                                 was synthetically generated.
       220 -
     - Jill - MOD_RES
     + D. D + (1)
     - :: '' - : roduct = D-phenylalanine/label = D-Phe
     1.1200
      - MOD RES
      · 2.1.. > 1··)
```

```
acid/label = Ac5c
<:505 10
X:: En Trp Ala Val Xaa His Leu
 5
< . : 11
<. !: 8
<. i. FRT
<.: Artificial Sequence
K...: Description of Artificial Sequence: This peptide
     was synthetically generated.
< 10 to
<...T: MID_RES</pre>
+:: < /product = Butanoyl-D-phenylalanine/label =</pre>
     Butanoyl-D-Phe
- . . . . M. D_RES
-4.1.2 \times (4)
city /product = alpha-aminoisobutyric acid/label = Aib
\sim 4\,\mathrm{Ge} + 11
Maa Gln Trp Ala Val Xaa His Leu
                5
- 210 - 12
- 111 - 8
+, 13 + FRT
. 13 Artificial Sequence
×.20
+ 221 - Description of Artificial Sequence: This peptide
      was synthetically generated
  21.20
  111 - MOD RES
  2.2 \cdot (1)
```

.2202

Cotanoyl-D-Phe

<221> MOD\_RES
<222> :6)
<223> /product = alpha-aminoisobutyric acid/label = Aib
<400> 12
Xaa Gln Trp Ala Val Xaa His Leu
1 5